City of Lafayette Staff Report

For:	Lafayette City Council
By:	Jennifer Russell, Parks, Trails & Recreation Director
Date Written:	October 26, 2008
Meeting Date:	November 10, 2008
Subject:	**Community Park Children's Play Area**

Background

The City's Parks, Trails & Recreation (PT&R) Five-Year Capital Improvement Plan (CIP) includes $268,000 to rehabilitate and expand the children's play area at the South-End of the Community Park. The source of funds are the City's Park Fees that can only be used for park and recreation purposes.

The existing play structure for pre-school aged children needed replacing due to the age of the equipment (in fact the structure has been removed due to safety concerns). Additionally, the PT&R Director and Commission wanted to add play equipment for the 8 to 13 year olds, since our City parks lack playground facilities for this age group.

Detailed plans, including equipment selection, and a cost estimate have been completed by a landscape architect. These plans have been reviewed by the PT&R Commission and the Parks Improvement Advisory Group. There are three distinct areas: (1) the existing small children's area with a new shaded play structure, (2) the existing swing area, and (3) a new area for older children. All three areas will have a new rubberized surface. The new equipment for the older children includes an Arcturus play structure, two Spicas (spinning devices), a Rock'n Cross (a new type of teeter totter), and a climbing rock. All involved believe this new-style equipment will fill a major recreational need in Lafayette. Locating this equipment at the Community Park will provide a nice synergy with the sports fields and group picnic area.

11C

Attached is a schematic layout of the area, pictures of the area and the equipment selected.

Project Cost

The original cost estimate has increased to $334,000 based on the following factors.

- Selecting a larger play structure (the Arcturus) that provides more challenges and allows more school-age children to use the equipment at the same time;
- Adding a shade umbrella over the tot structure because of concerns about the sun creating hot surfaces, particularly the slide, and the potential for burns; and
- Adding a buffer between the new play area and the gravel access road next to the lower sport field, consistent with the existing layout and aesthetics.
- General increase in material costs since last estimate;

There are adequate funds in the Parks and Recreation Fund Balance to cover the increase in cost. Attached is the latest detailed cost estimate.

Schedule

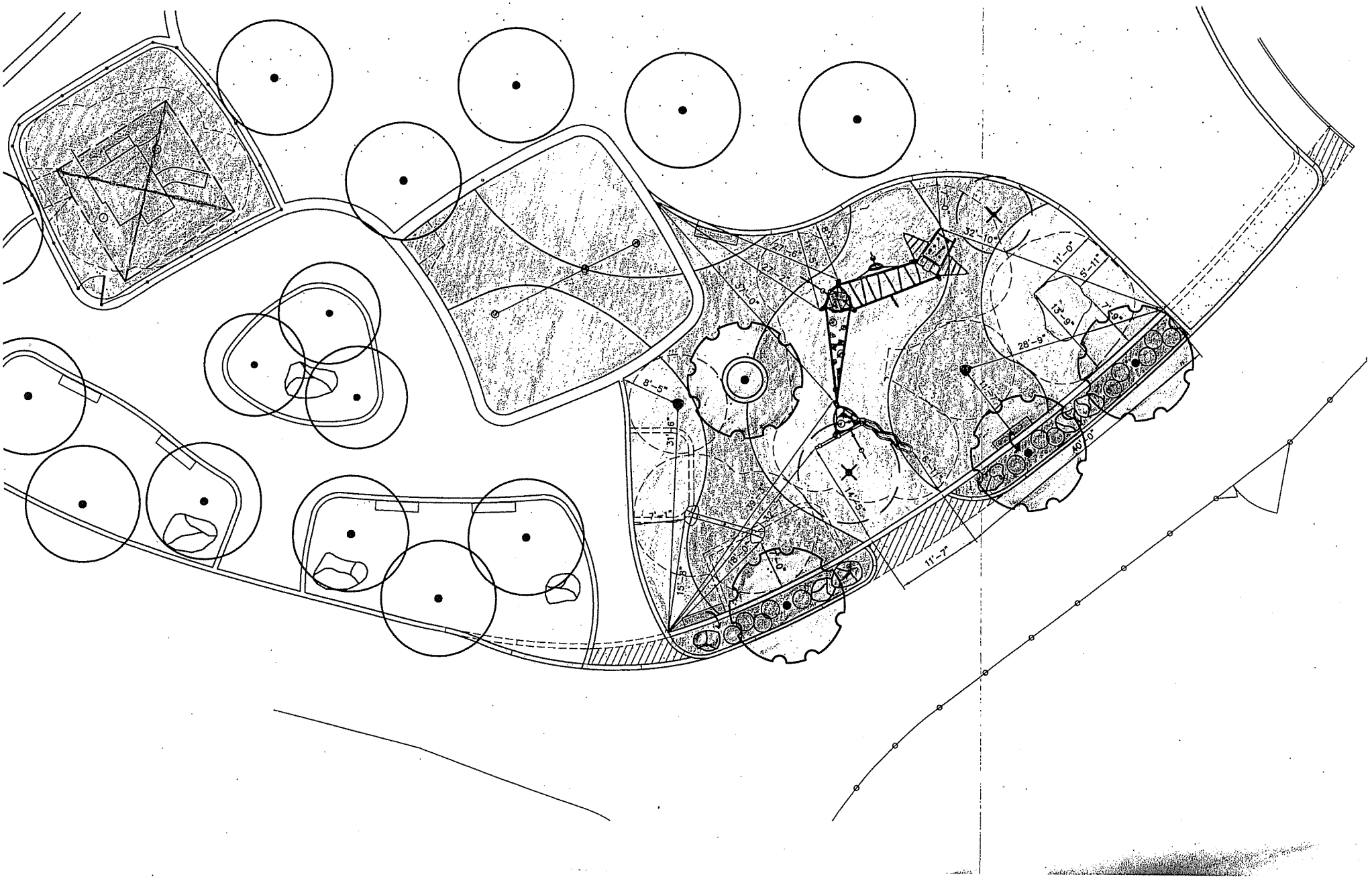
At its October 8, 2008 meeting, the PT&R Commission approved going forward with the project, with the increased scope and cost. The construction drawings are nearing completion and the objective is to solicit bids in mid-November and award a contract in mid-December. Construction would be in early spring, weather permitting, with a grand opening before the start of summer.

Recommendation

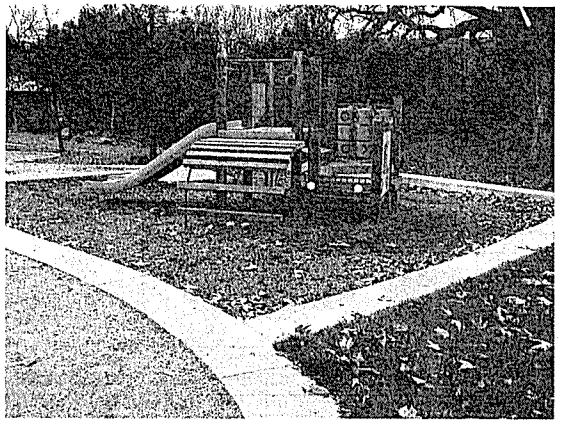
Approve the Lafayette Community Park Play Area project as presented, update the 2008-09 City Budget to reflect the revised cost estimate, and authorize staff to move forward with bids and construction.

Attachments

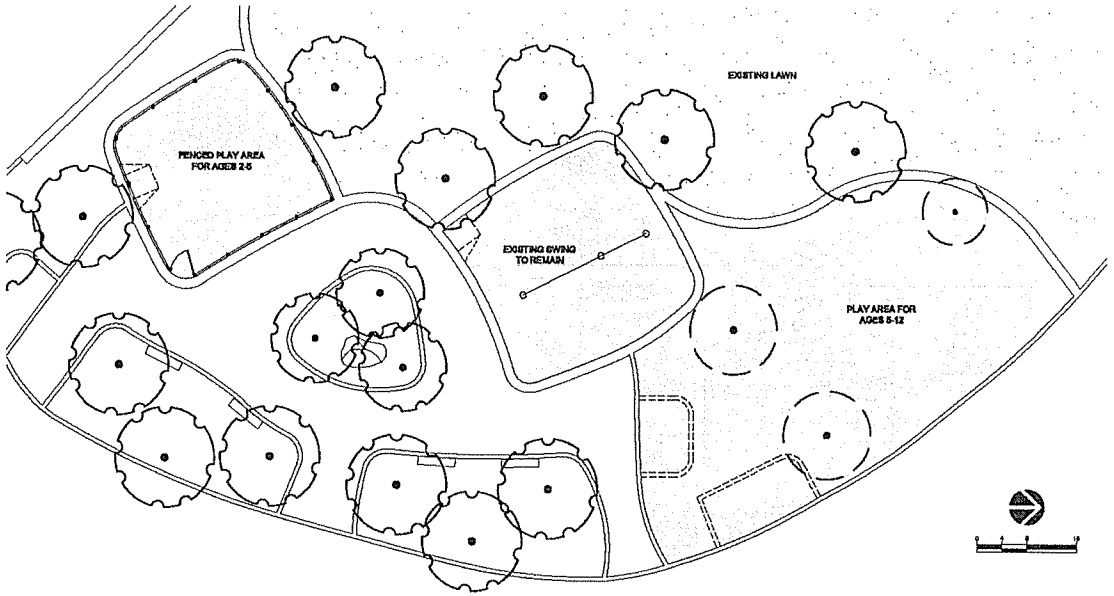
cc: Parks, Trails and Recreation Commission
City Manager

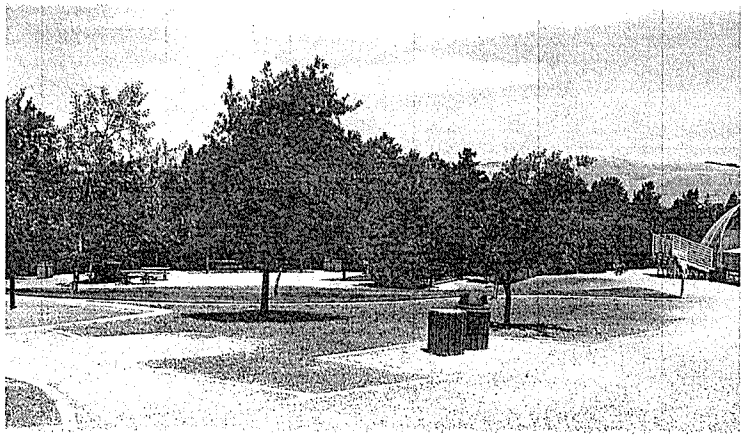

32'-10"
11'-0"
5'-11"
13'-9"
28'-9"
40'-10"
11'-7"
14'-5"
18'-10"
15'-2"
31'-6"
8'-5"
7'-1"

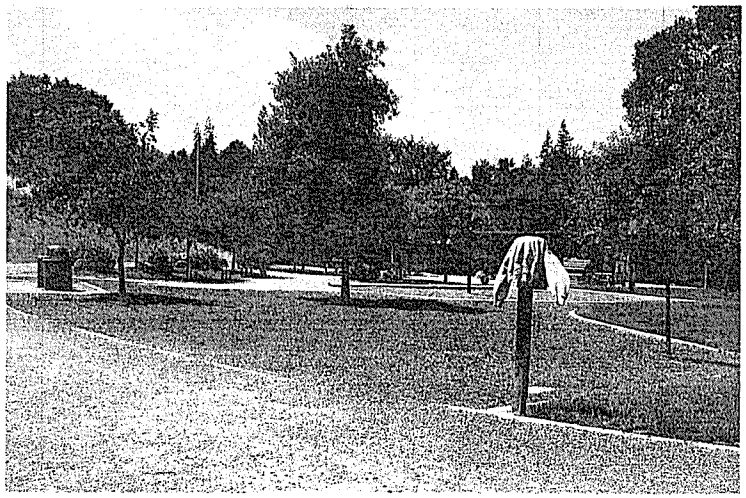
EXISTING SITE CONDITIONS



FENCED PLAY AREA FOR AGES 2-5



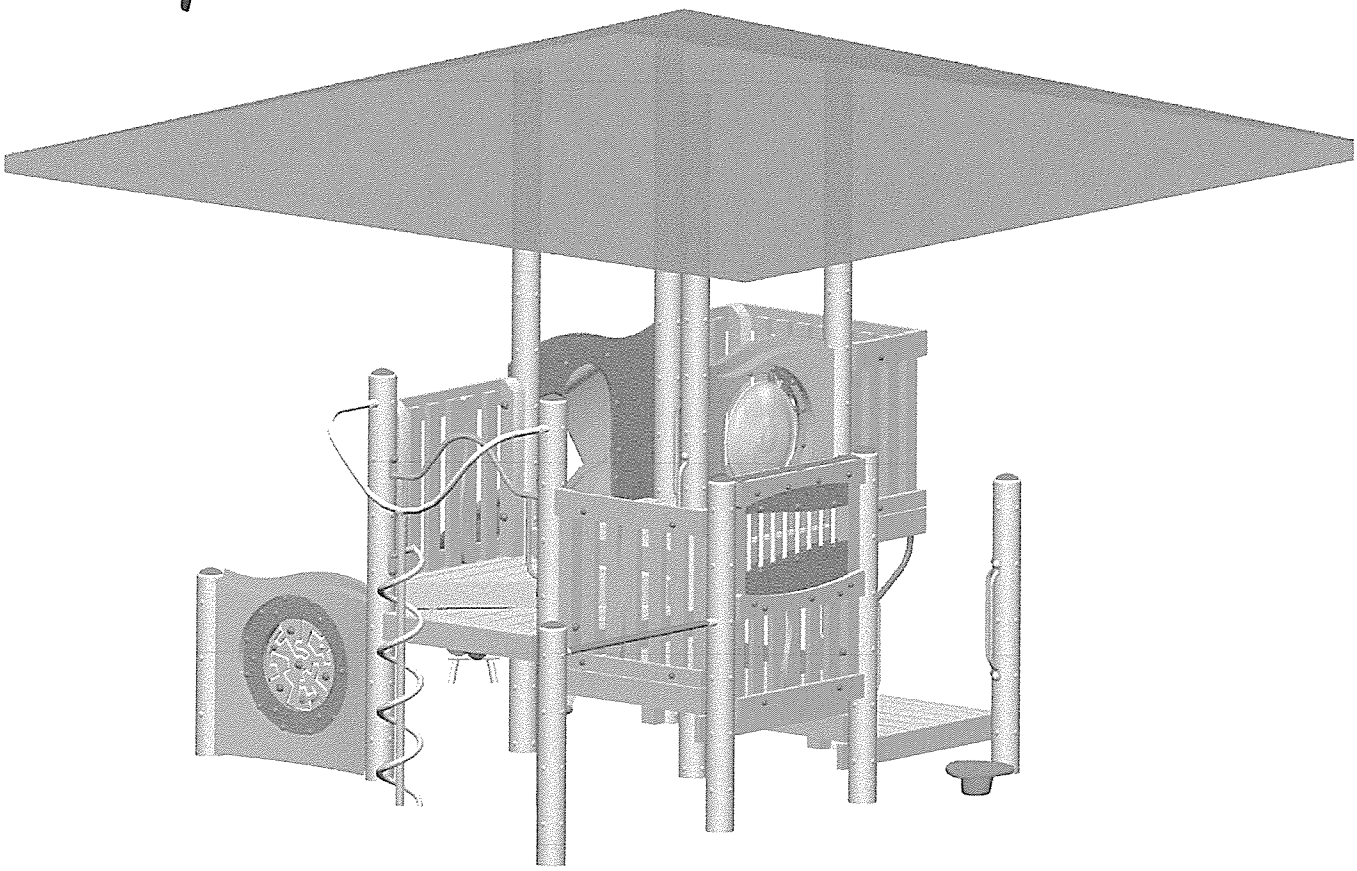


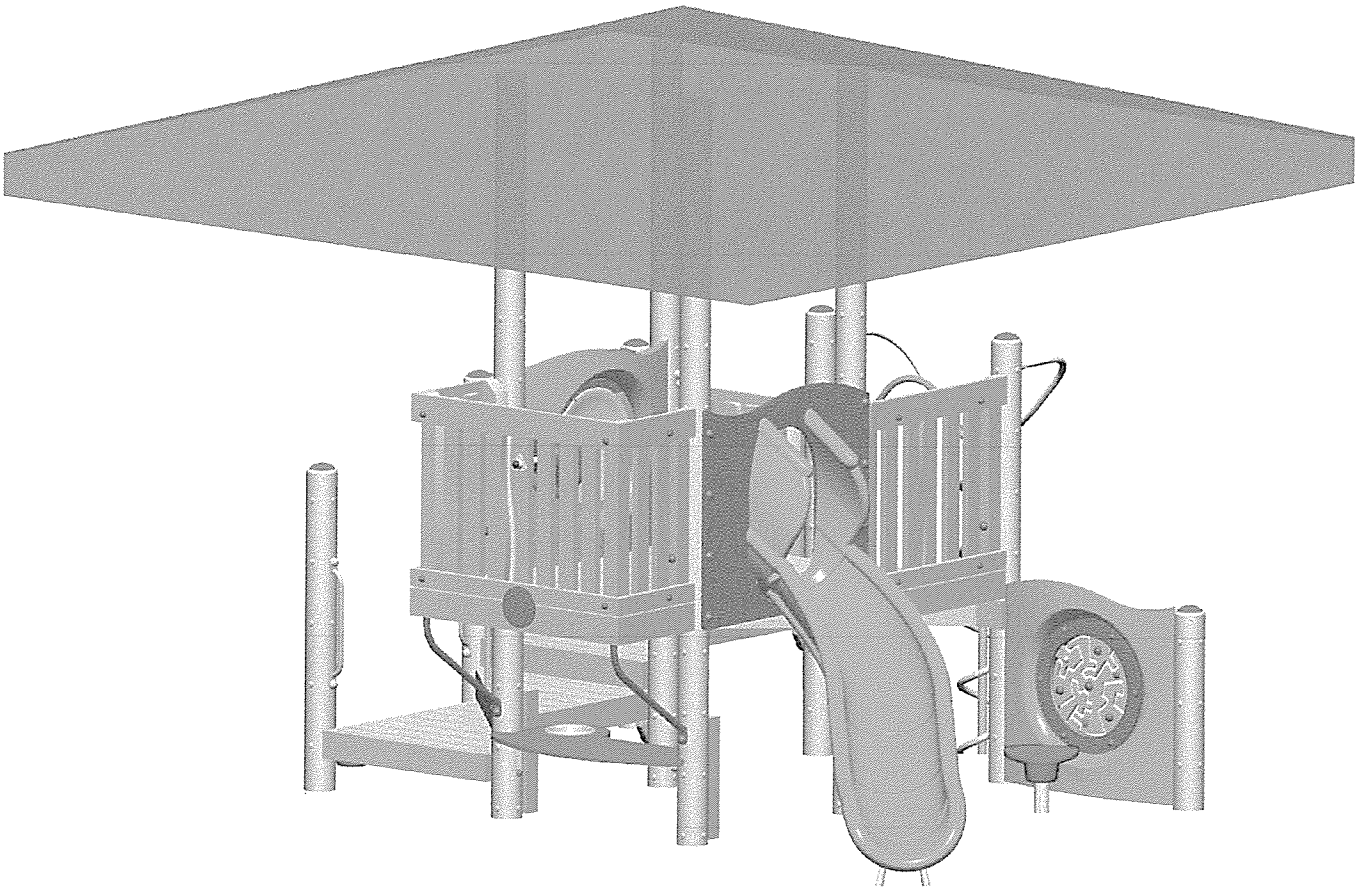


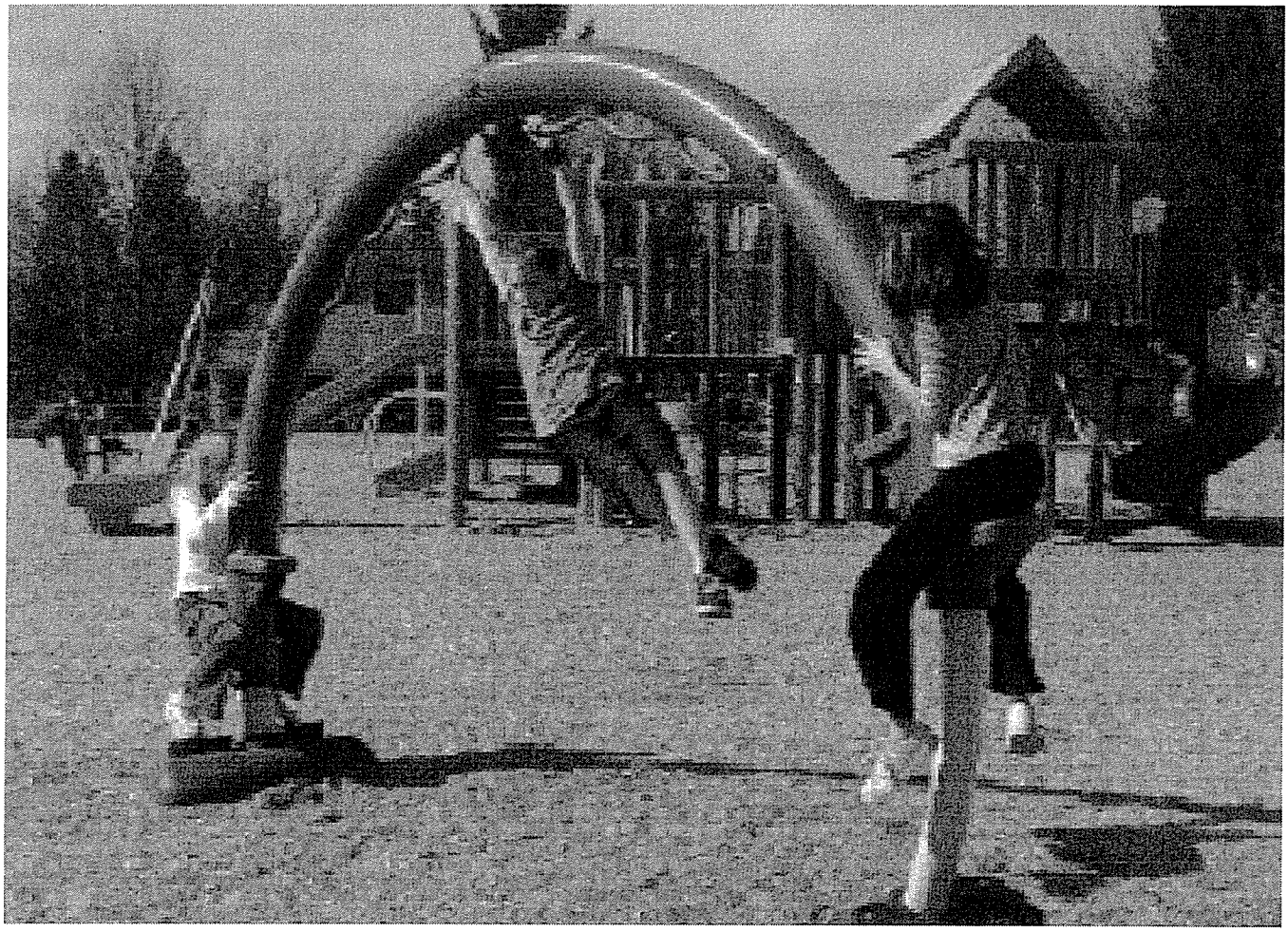
PLAY AREA FOR AGES 5-12

Lafayette Community Park Playground

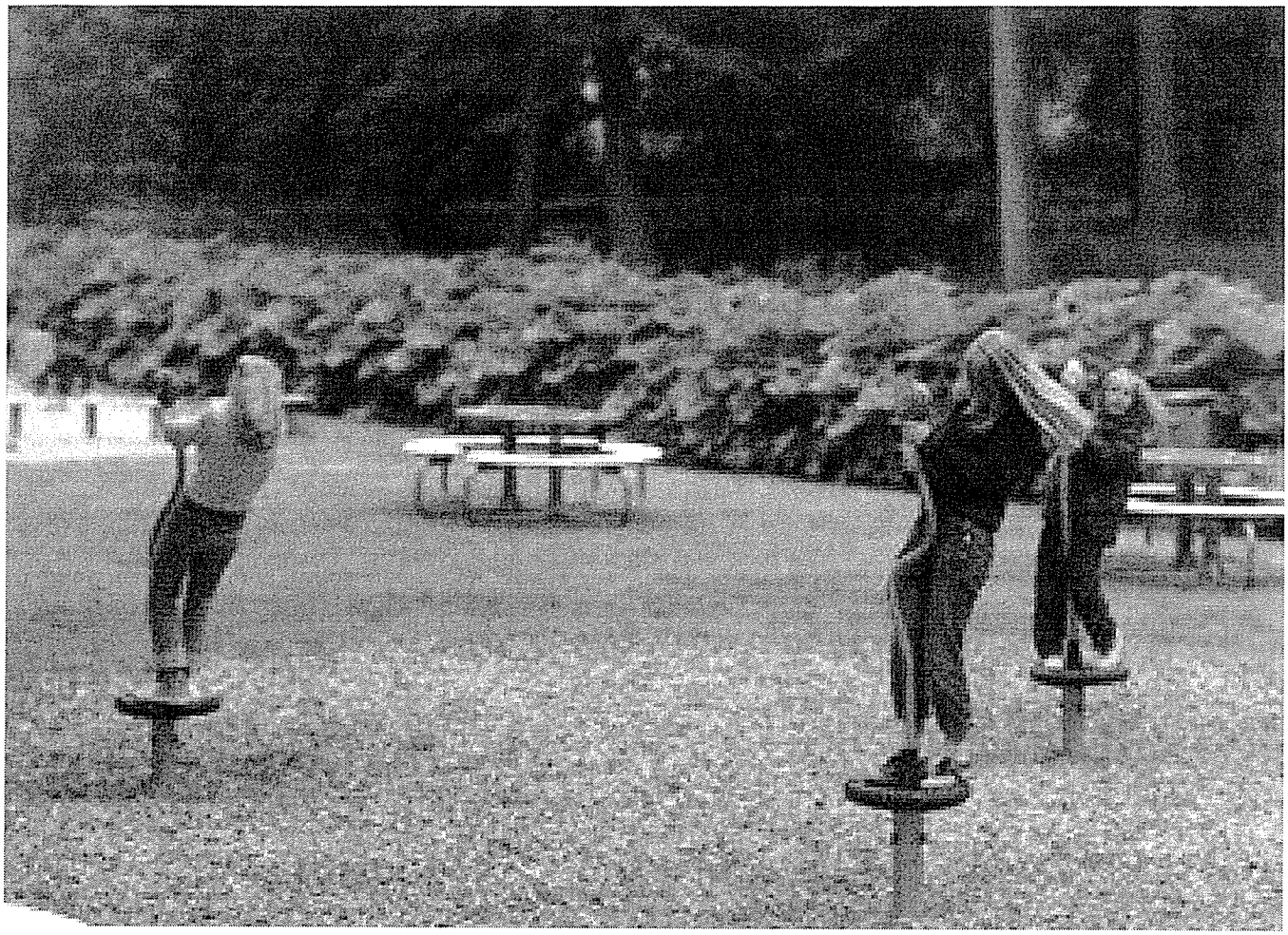
Pre-School Structure





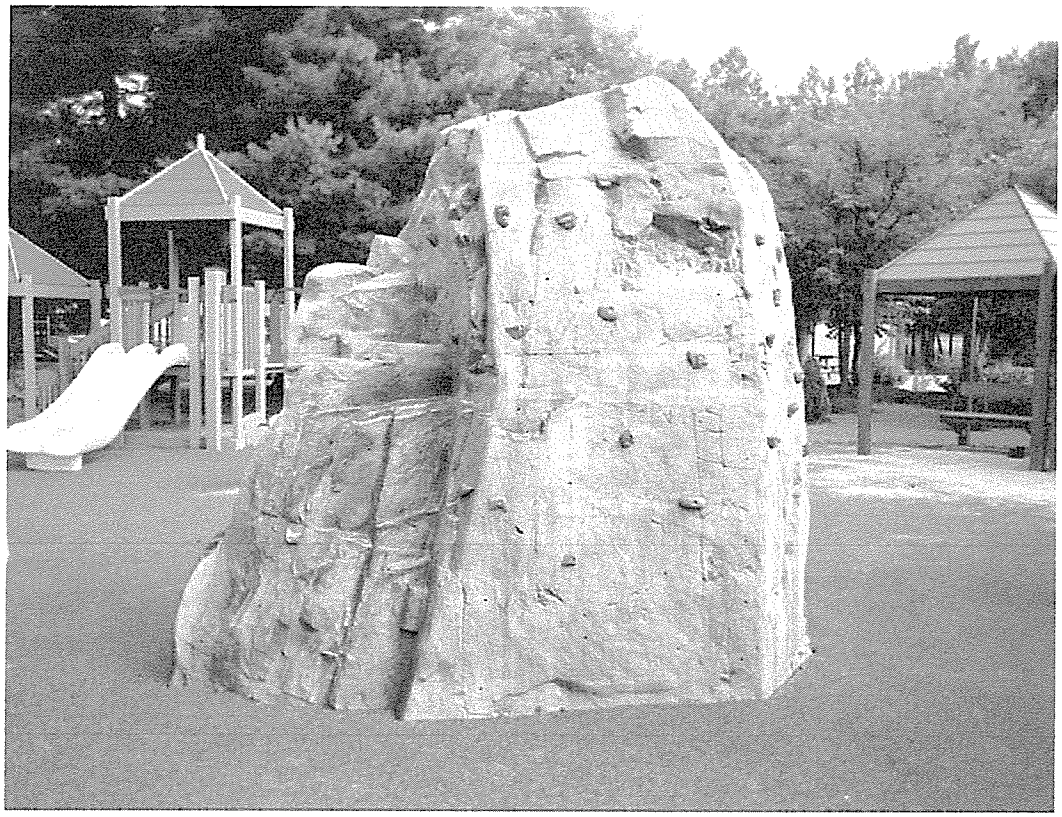


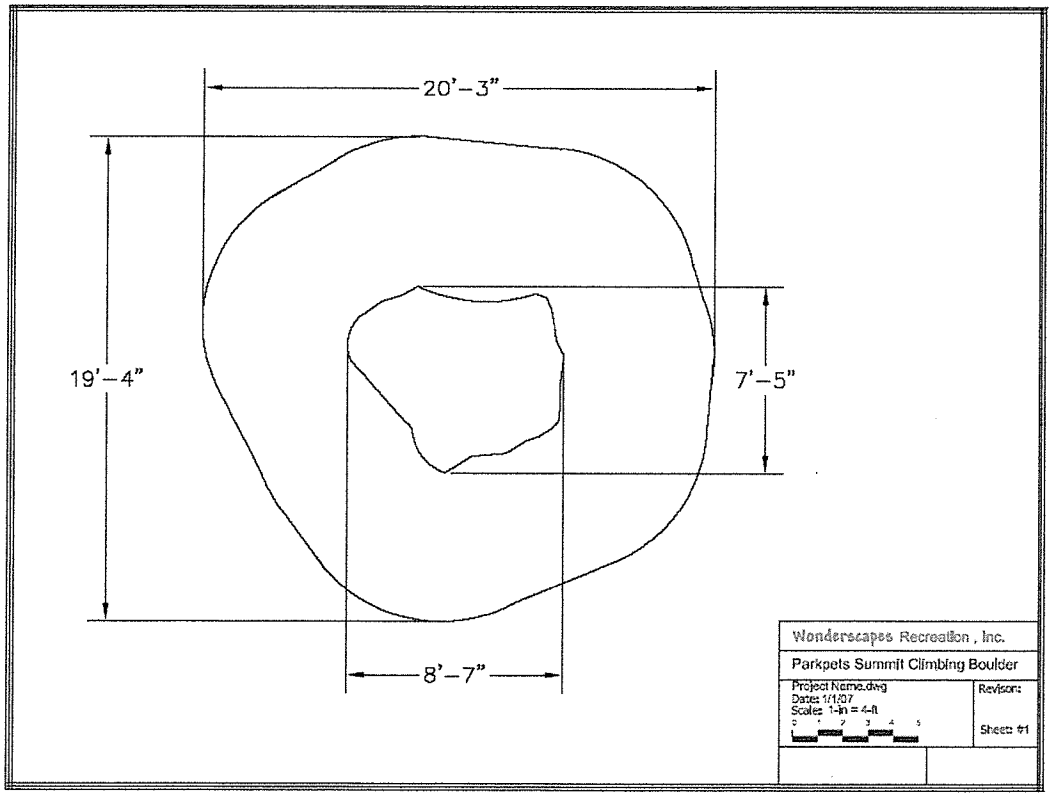
Rock-n-cross

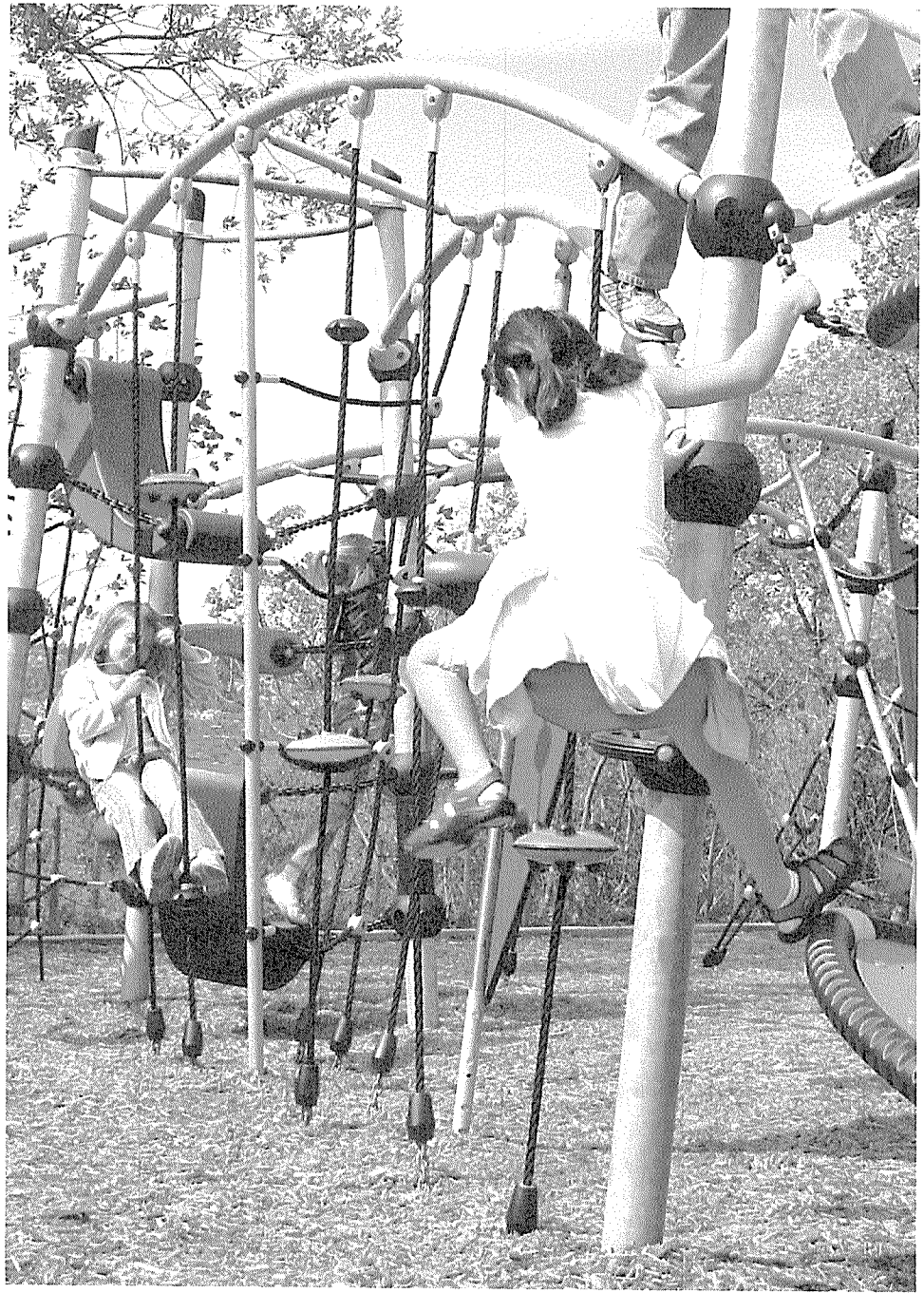


Spicas

Park Pets Summit Boulder (SRIB02)







ARCTURAS

CONSTRUCTION COST ESTIMATE

LAFAYETTE COMMUNITY PARK PLAY AREA

Option: Arcturus with Two Spica / Rock (5-12); Tot structure with BigShade

ITEM	QUANTITY	UNIT	UNIT COST	ITEM TOTAL
Mobilization		Allow		**$ 5,000**
PLAY AREA 'A' - TOT STRUCTURE				
Site Preparation				
Grading & site preparation		Allow		$ 1,500
Paving removal (ramp)		Allow		$ 500
Base for surfacing (4"-6" base rock)	750	SF	$ 5	$ 3,750
Site Amenities				
Play structure w/ BigShade (incl. tax & freight)		Allow		$ 24,240
Play structure installation (40% of equipment cost)		Allow		$ 8,287
Play area surfacing: 3" poured-in-place, Color #2	750	SF	$ 13	$ 9,926
Fence - 4' height, 1 gate	105	LF	$ 40	$ 4,200
Bench - 6'	2	EA	$ 996	$ 1,991
Bench w/o back - 6'	1	EA	$ 719	$ 719
Picnic table	1	EA	$ 3,042	$ 3,042
Subtotal - Play Area 'A'				**$ 58,155**
PLAY AREA 'B' - SWING				
Site Preparation				
Grading & site preparation		Allow		$ 1,880
Paving removal (ramp)		Allow		$ 500
Base for surfacing (4"-6" base rock)	940	SF	$ 5	$ 4,700
Site Amenities				
Relocate swing (noncompliance issue)		Allow		$ 4,500
Play area surfacing: 3" poured-in-place, Color #1	630	SF	$ 12	$ 7,453
Play area surfacing: 3" poured-in-place, Color #2	310	SF	$ 13	$ 4,103
Subtotal - Play Area 'B'				**$ 23,135**
PLAY AREA 'C' - SCHOOL AGE STRUCTURE				
Site Preparation				
Demolition, grading & site preparation		Allow		$ 5,800
Base for surfacing (4"-6" base rock)	2320	SF	$ 5	$ 11,600
DG paving & header	130	SF	$ 6	$ 780
Concrete curb adjacent to access road	80	LF	$ 30	$ 2,400
Concrete band	75	LF	$ 15	$ 1,125
Concrete band at tree grate	16	LF	$ 35	$ 560
Site Amenities				
Tree grate & frame - 5' round	1	EA	$ 1,496	$ 1,496
Play structure (incl. tax & freight)				$ 55,311
BigToy Rock'n Cross		Allow	$ 4,911	
Kompan Galaxy Arcturus		Allow	$ 46,294	
Kompan Galaxy Spica (2)		Allow	$ 4,106	
Play structure installation (40% of equipment cost)		Allow		$ 19,666
Climbing Rock: Summit (incl. tax, freight, installation)		Allow		$ 23,365
Play area surfacing: 3"-4" poured-in-place, Color #1	1180	SF	$ 14	$ 15,930
Play area surfacing: 4" poured-in-place, Color #2	1140	SF	$ 15	$ 17,399
Irrigation				
Extend lawn irrigation. Add buffer area & tree bubblers.		Allow		$ 3,000
Planting				
Trees - 15 gallon	4	EA	$ 150	$ 600
Shrubs - 5 gallon	12	EA	$ 60	$ 720
Mulch - 3" depth	295	SF	$ 2	$ 590
Boulders	6	EA	$ 350	$ 2,100
Subtotal - Play Area 'C'				**$ 162,441**
Subtotal - Play Area 'A', 'B' & 'C'				**$ 248,731**
Contingency - 15%				**$ 37,310**
Total				**$ 286,041**

1. Poured-in-place Surfacing Color: Color #1 is assumed to be 50% black with 50% standard color (tan, blue, green, terra cotta). Color #2 is assumed to be a color blend without black.

2. Poured-in-place Surfacing Installation: Assumed surfacing installation is installed in one phase. If project is phased, cost will increase.

September 24, 2008
Hansen McArdle Inc.